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PATENT  
Attorney Docket No. LS5-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Liu *et al.*  
SERIAL NO.: 10/643,752 GROUP NO.: 1637  
FILING DATE: August 19, 2003 EXAMINER: Jezia Riley  
TITLE: Evolving New Molecular Function

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 8th day of June, 2005.

  
Carrah Malone


Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Supplemental Information Disclosure Statement (3 pages);
3. Form PTO 1449 (1 page);
4. Copy of cited reference C218; and
5. Return Receipt Postcard.

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 <h1 style="text-align: center;">TRANSMITTAL FORM</h1>	Application Serial Number	10/643,752
	Filing Date	August 19, 2003
	First Named Inventor	Liu
	Group Art Unit	1637
	Examiner Name	Jezia Riley
	Attorney Docket No.	LS5-001
	Patent No.	Not applicable
	Issue Date	Not applicable

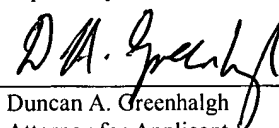
### ENCLOSURES *(check all that apply)*

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form  <input type="checkbox"/> Amendment/Response  <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]  <input type="checkbox"/> Petition for Extension of Time  <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copy of Supp. IDS Citation C218  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input type="checkbox"/> Additional Enclosure(s) <i>(please identify below)</i>
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### CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Goodwin Procter LLP  
 Exchange Place  
 Boston, MA 02109  
 Tel. No.: (617) 570-1000  
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### SIGNATURE BLOCK

Respectfully submitted,  
  
 Date: June 8, 2005  
 Reg. No. 38,678  
 Tel. No.: (617) 570-1299  
 Fax No.: (617) 523-1231  
 Duncan A. Greenhalgh  
 Attorney for Applicant  
 Goodwin Procter LLP  
 Exchange Place  
 Boston, MA 02109



PATENT  
Attorney Docket No. LS5-001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S):	Liu <i>et al.</i>	CONF. NO.:	4082
SERIAL NO.:	10/643,752	GROUP NO.:	1637
FILING DATE:	August 19, 2003	EXAMINER:	Jezia Riley
TITLE:	Evolving New Molecular Function		

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents and non-patent publications are enclosed.

In addition, Applicants wish to inform the Examiner about the following U.S. patent applications and the contents of their file wrappers, including all Office actions issued therein:

1. U.S.S.N. 11/141,542, entitled "Evolving New Molecular Function," filed on May 31, 2005; and
2. U.S.S.N. 11/141,164, entitled "Evolving New Molecular Function," filed on May 31, 2005.

Information about other patent applications can be found in Applicant's Information Disclosure Statement filed on May 6, 2005.

### REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### **STATEMENT**

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after

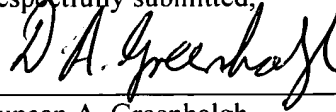
making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: June 8, 2005  
Reg. No. 38,678

Tel. No.: (617) 570-1299  
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2466309

Respectfully submitted,



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Boston, Massachusetts 02109  
Customer No. 051414



<b>FORM PTO - 1449</b>  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>				ATTORNEY DOCKET NO.: LS5-001  APPLICANT(S): Liu <i>et al.</i>  SERIAL NO.: 10/643,752  FILING DATE: August 19, 2003 GROUP: 1637					
<b>U.S. PATENT DOCUMENTS</b>									
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE IF APPROPRIATE</b>		
	A71	2003/0099945	05/29/2003	Eaton <i>et al.</i>			07/30/2001		
	A72	6,048,698	04/11/2000	Eaton <i>et al.</i>			09/21/1998		
	A73	5,858,660	01/12/1999	Eaton <i>et al.</i>			03/20/1996		
	A74	5,723,289	03/03/1998	Eaton <i>et al.</i>			09/20/1994		
<b>FOREIGN PATENT DOCUMENTS</b>									
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY CODE</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE</b>	<b>ABSTRACT ONLY</b>	<b>ENGLISH LANG (Y/N)</b>
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>									
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
	C218	Dewey <i>et al.</i> , "Integrated drug discovery technology in a test tube," www.currentdrugdiscovery.com (July 2002)							
<b>EXAMINER</b>					<b>DATE CONSIDERED</b>				

VER 9/00